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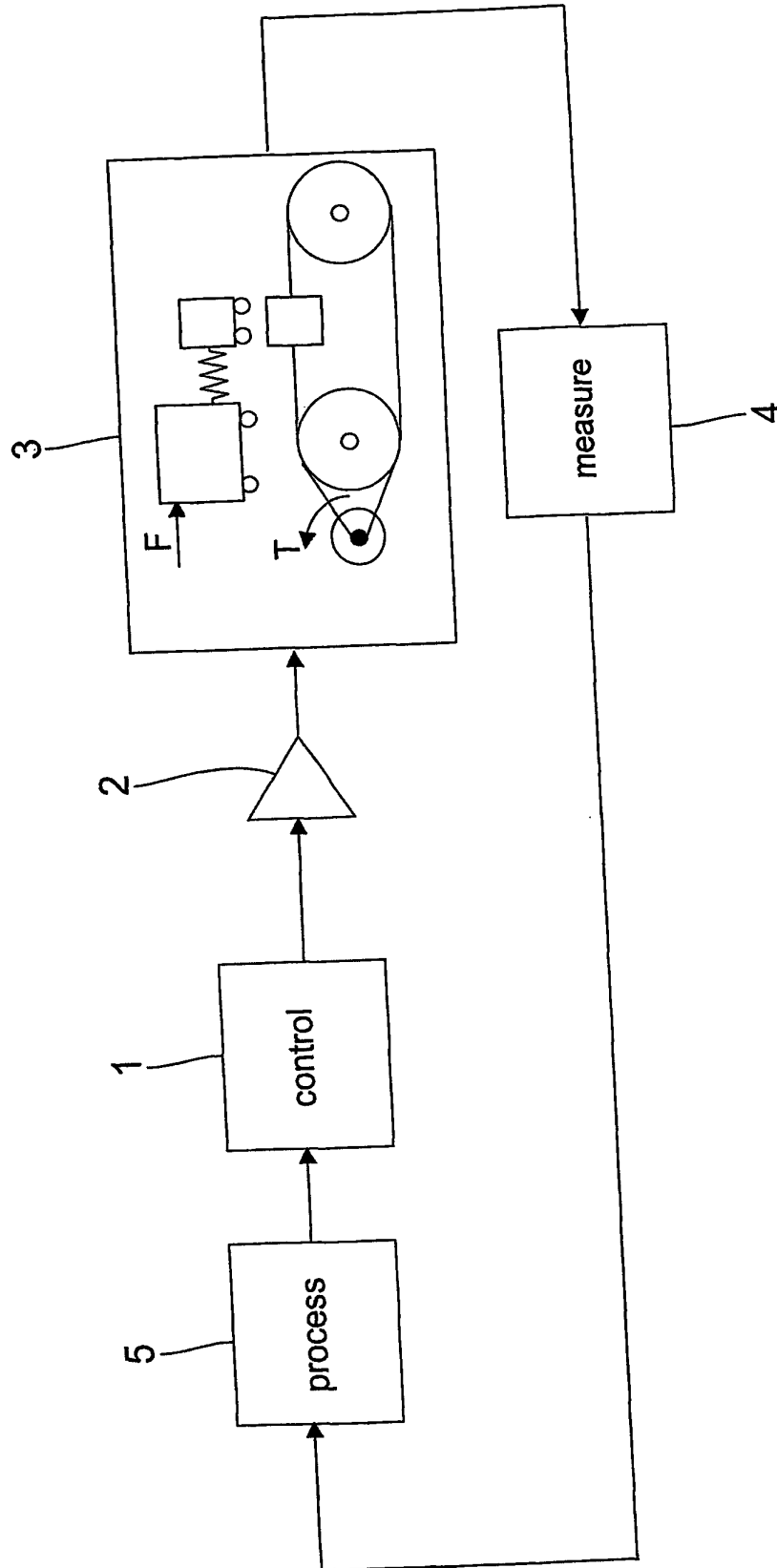


FIG.1

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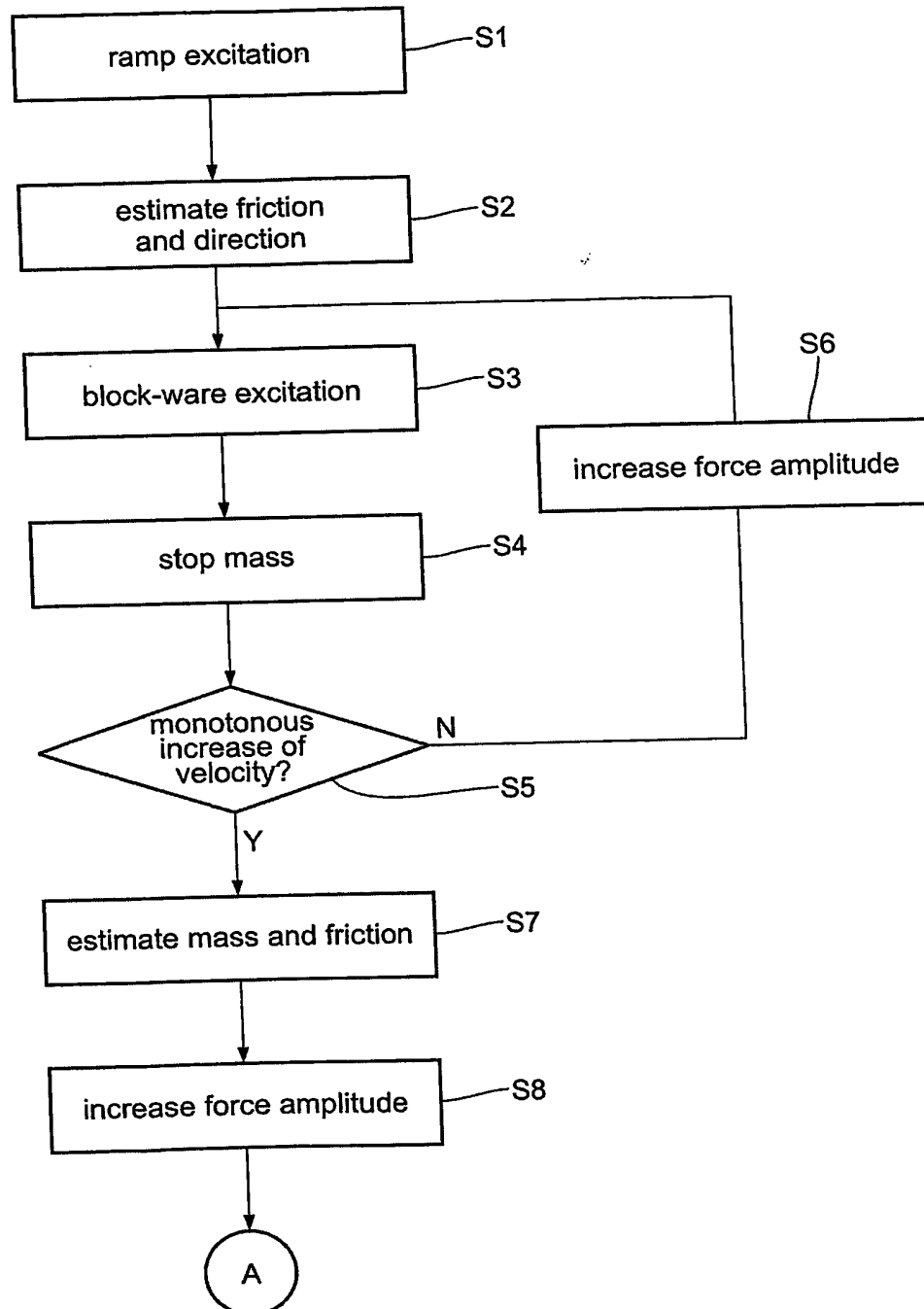


FIG.2a

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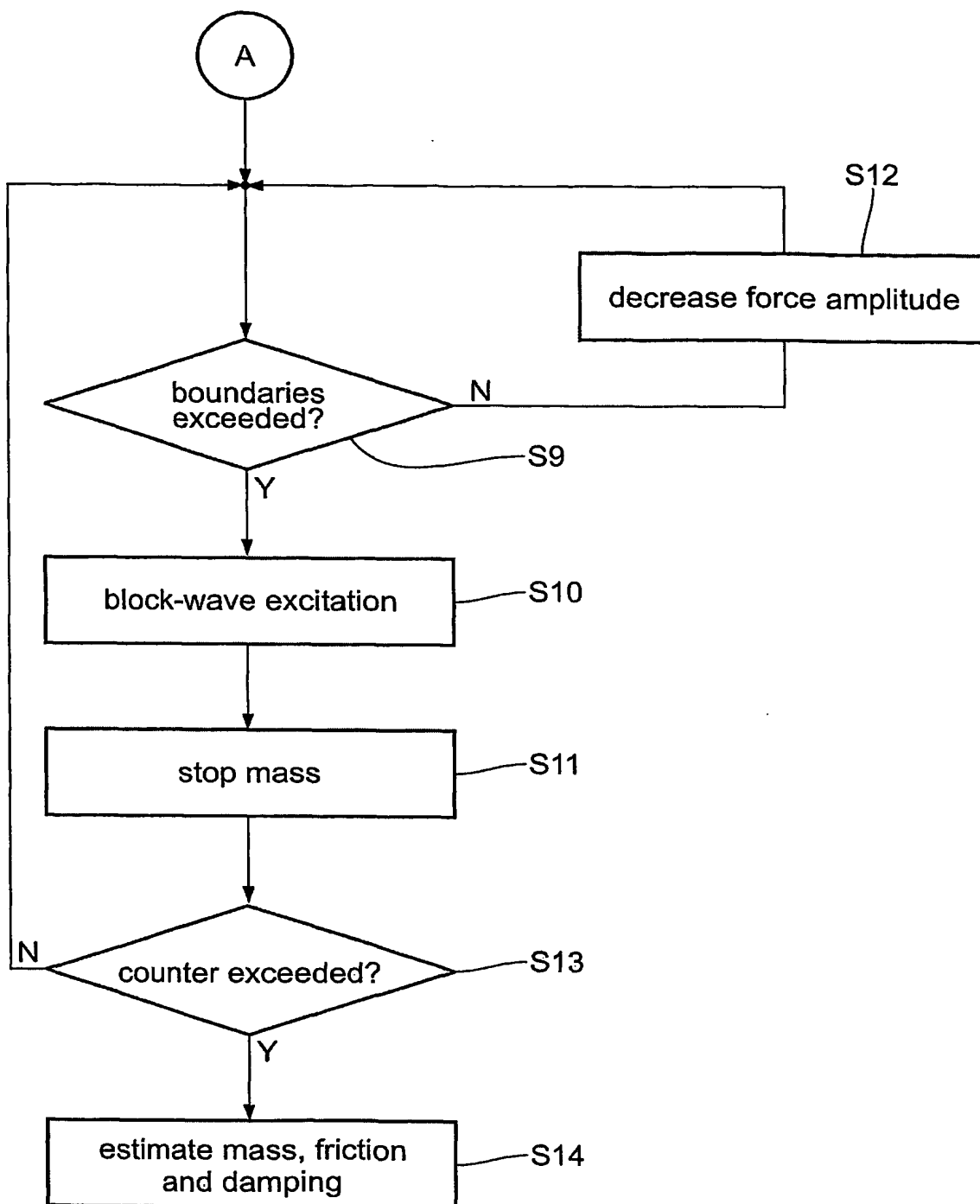


FIG.2b

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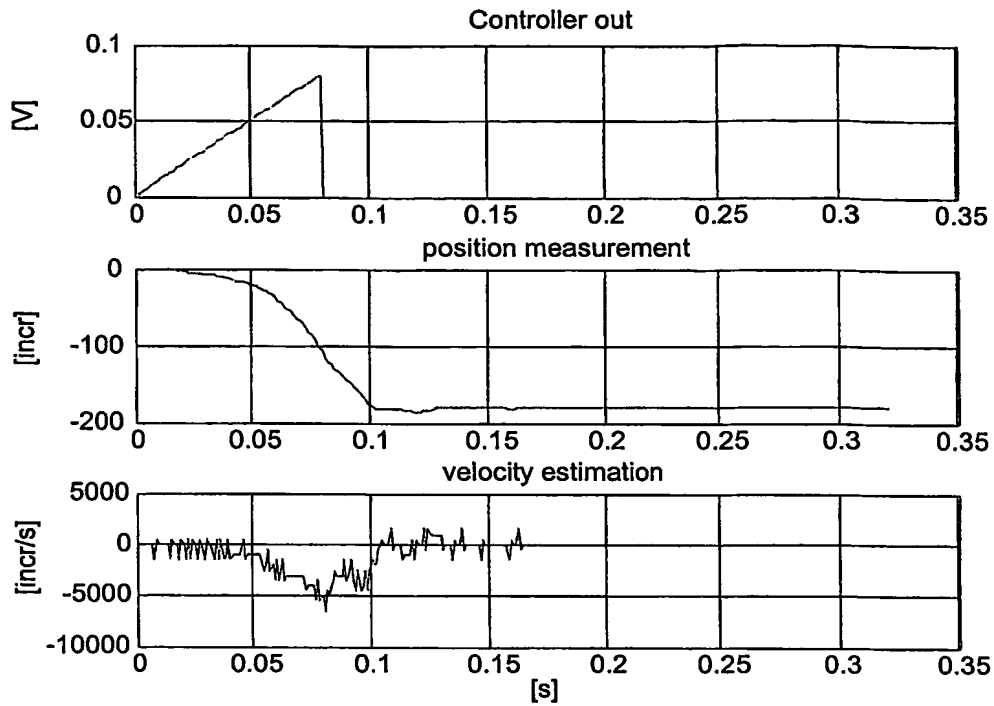


FIG.3

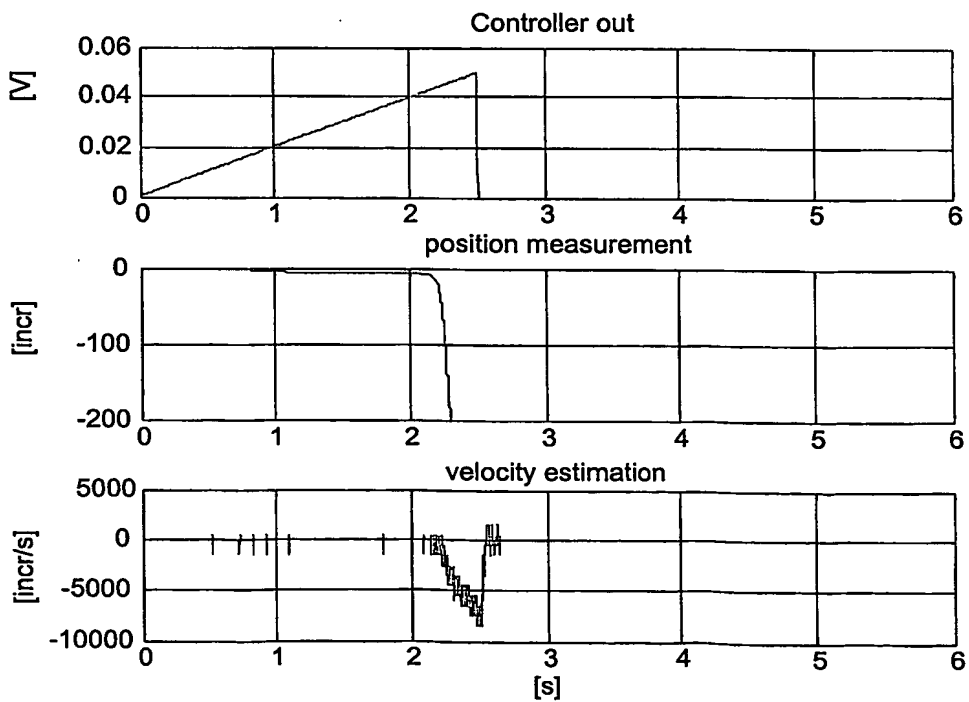


FIG.4

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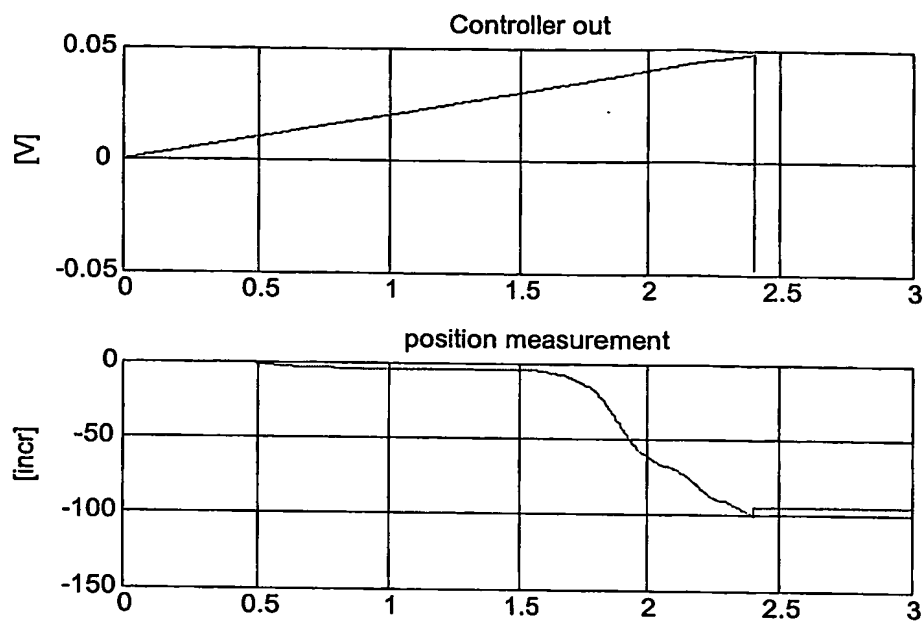


FIG.5

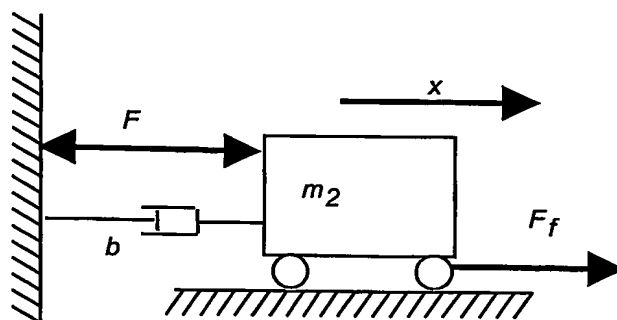


FIG.6

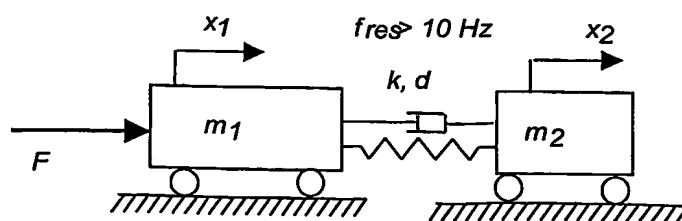


FIG.7

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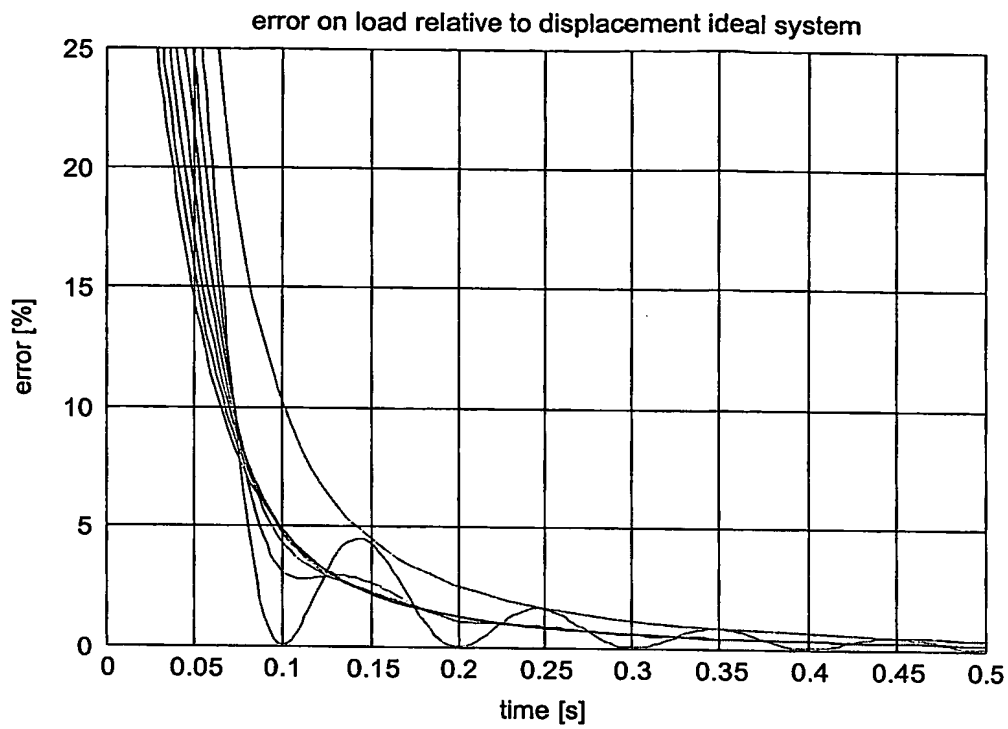


FIG.8

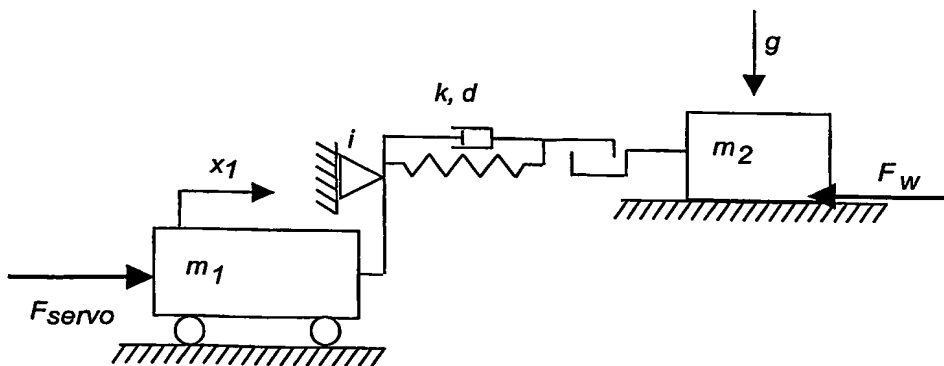


FIG.9

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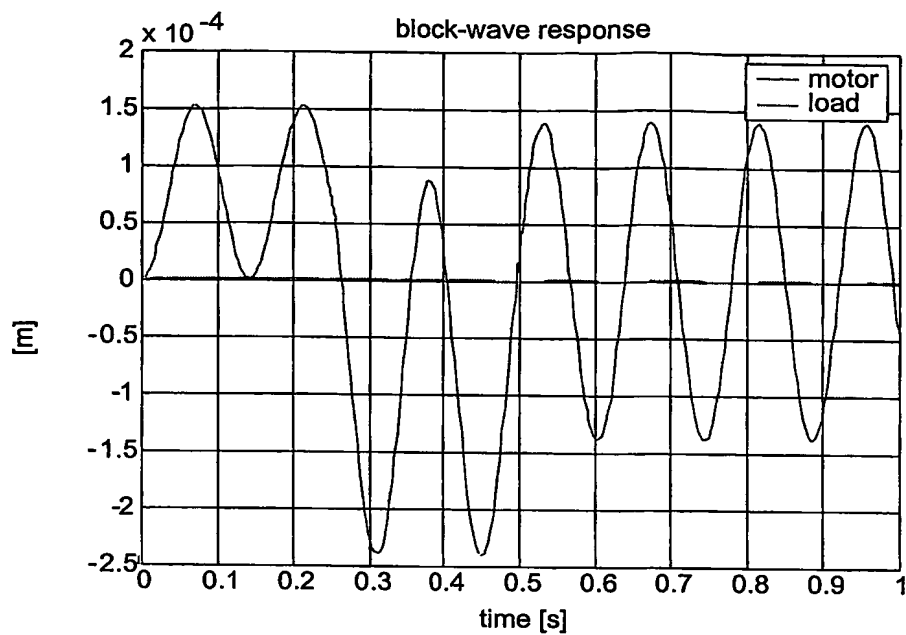


FIG. 10a

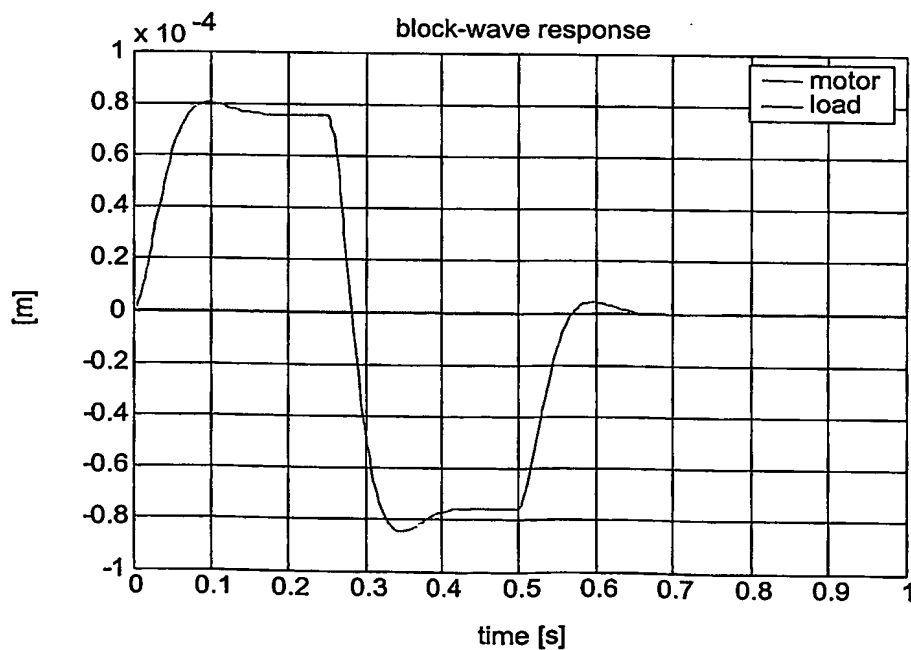


FIG. 10b

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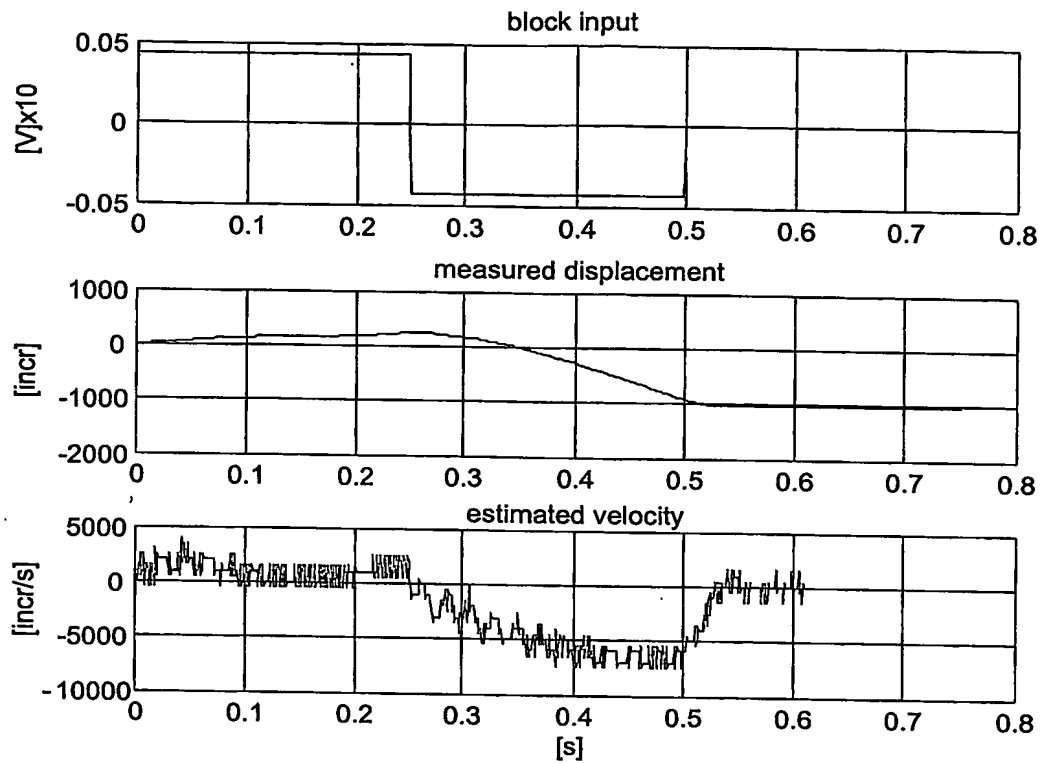


FIG. 11

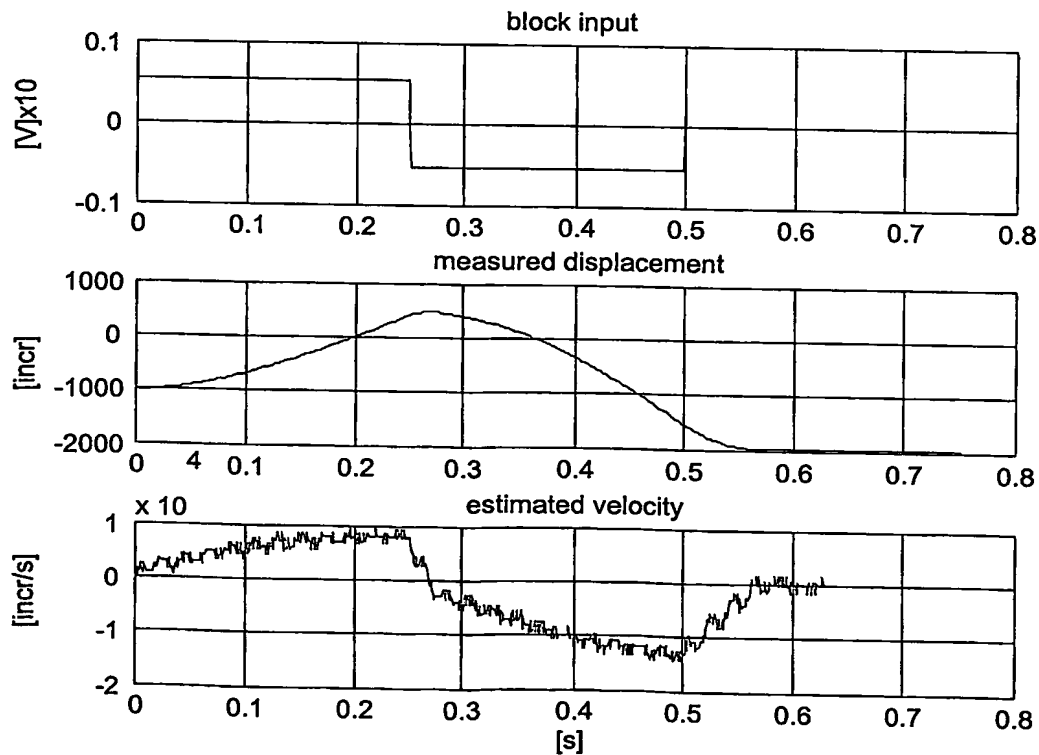


FIG. 12



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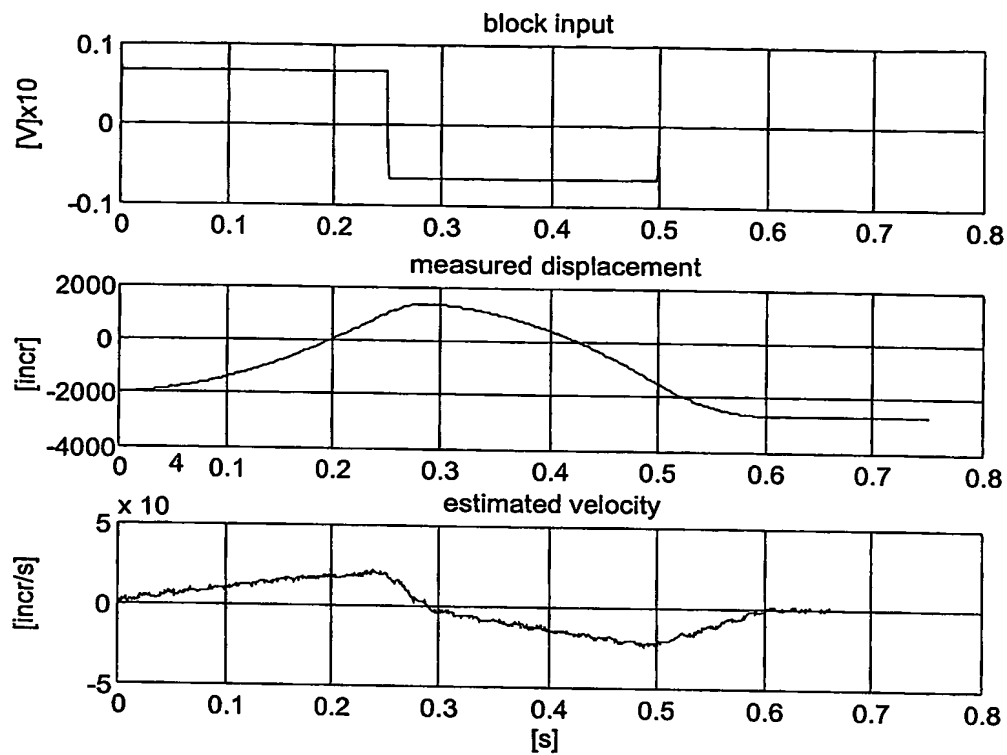


FIG.13

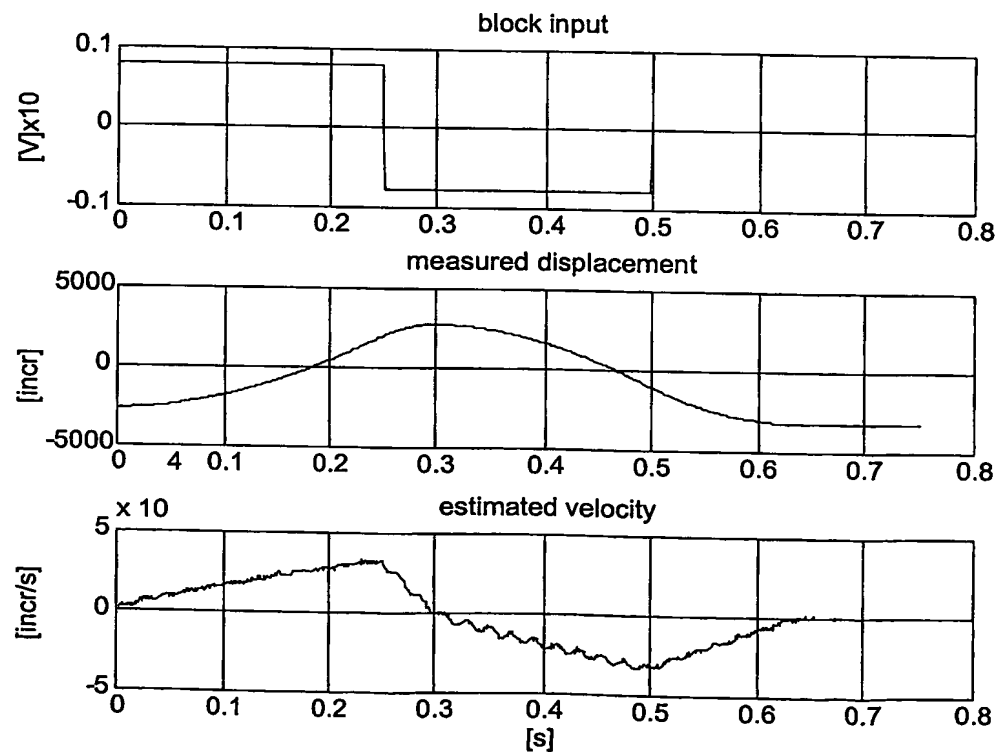


FIG.14

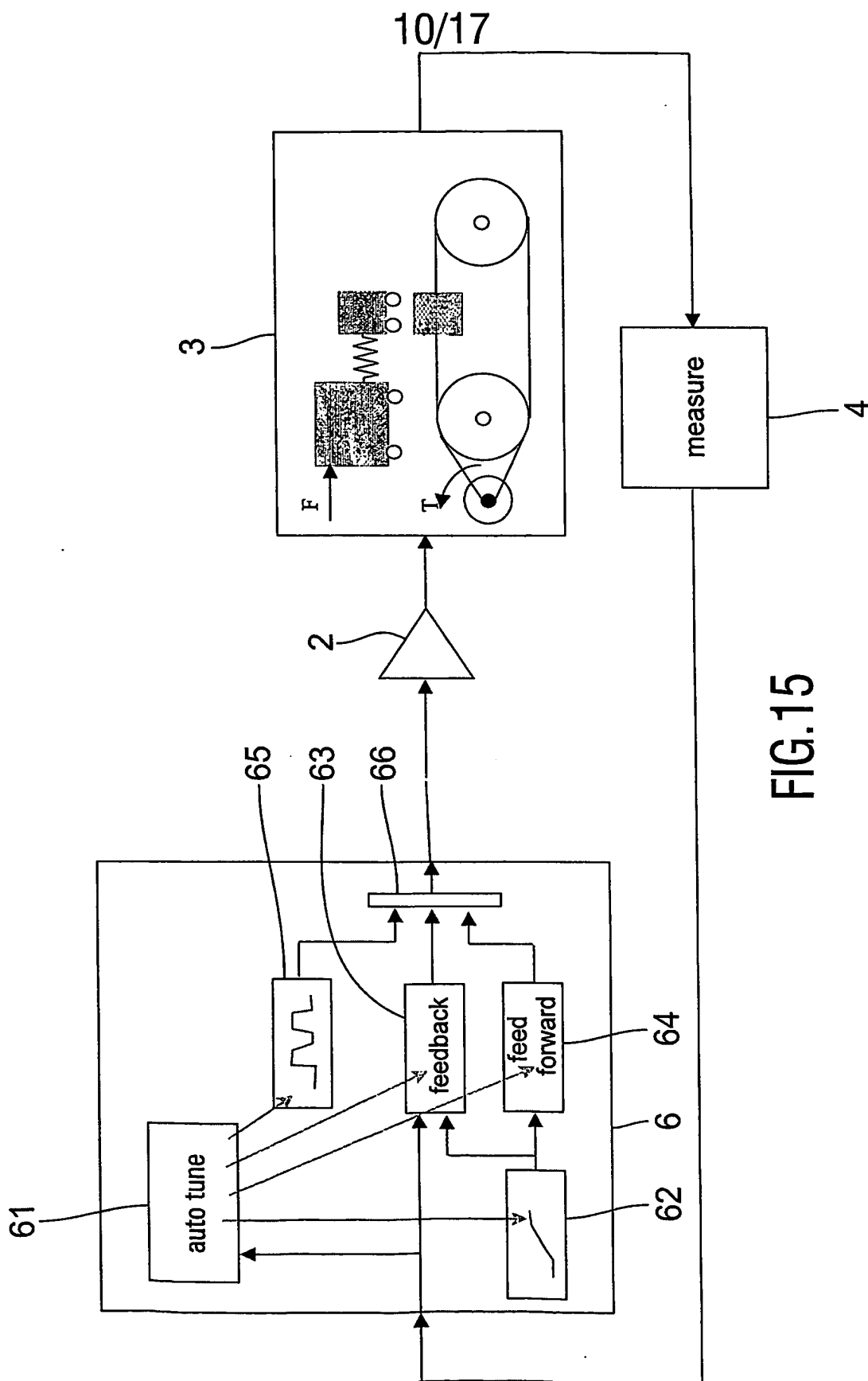


FIG.15

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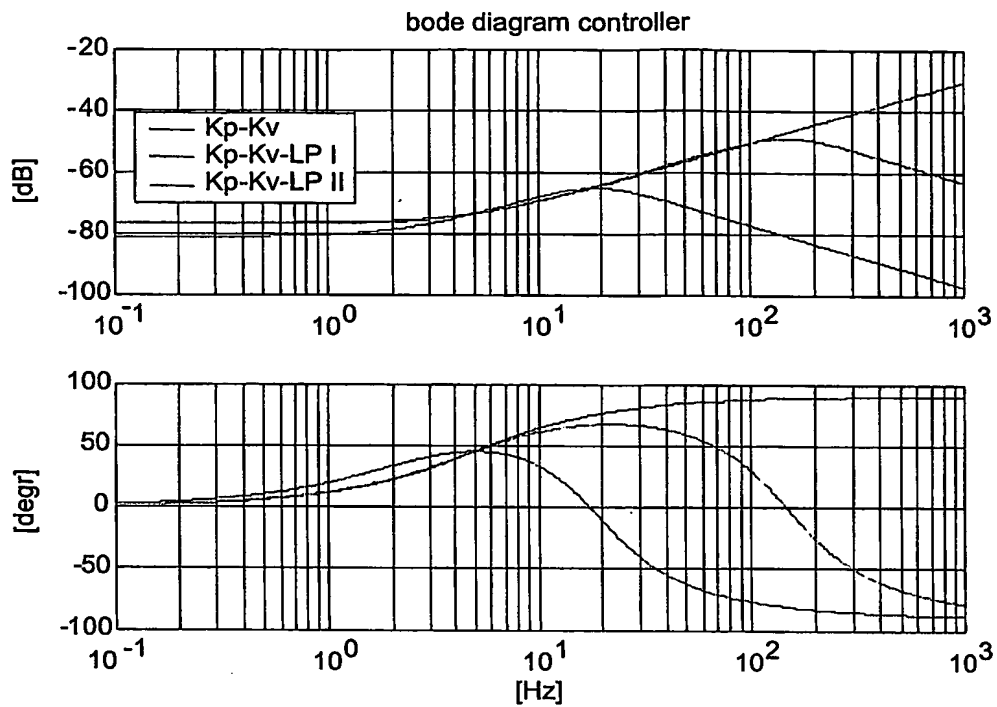


FIG.16

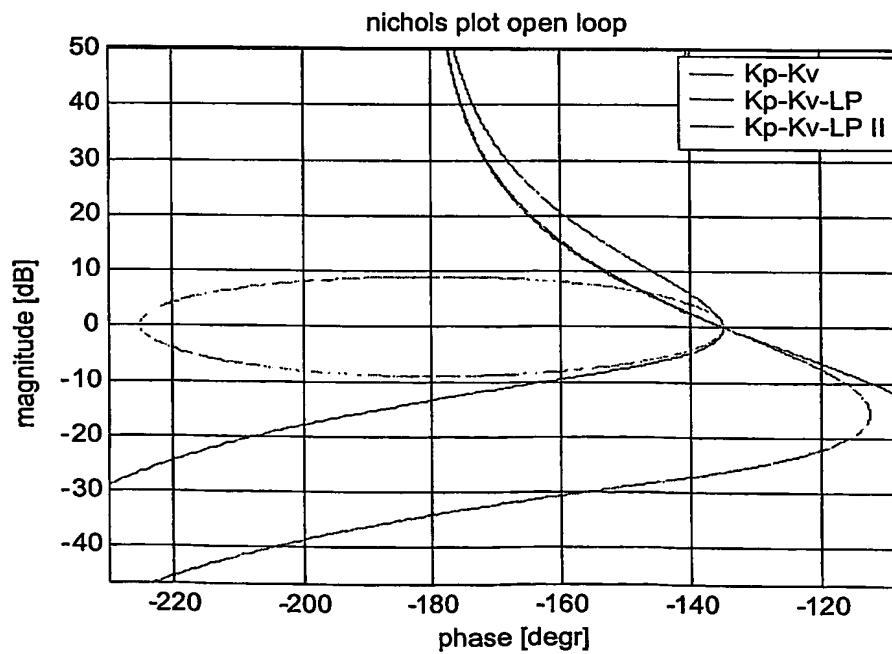


FIG.17

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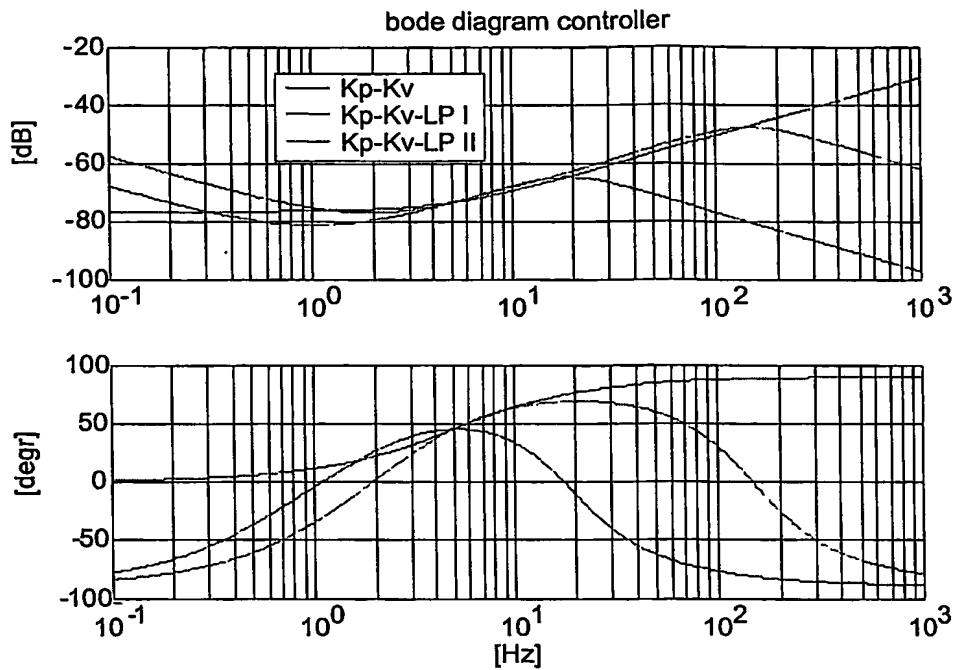


FIG.18

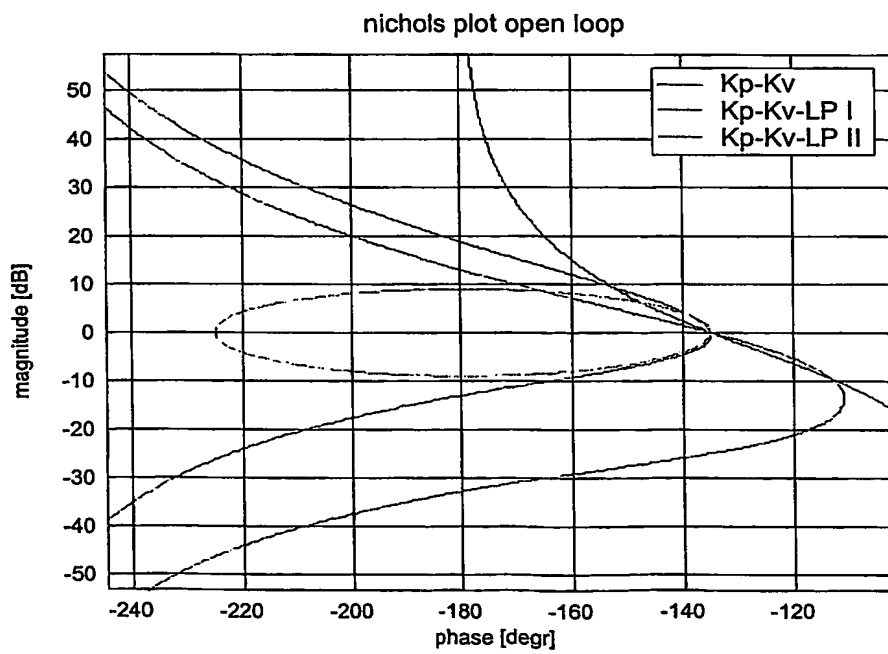


FIG.19

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bode diagram controller

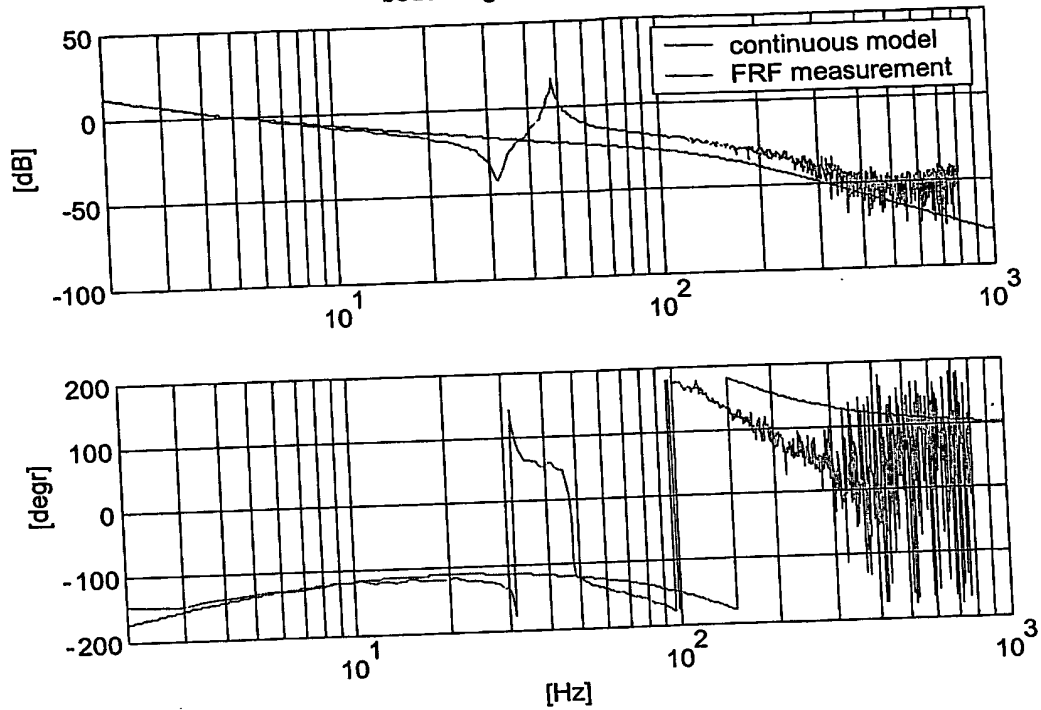


FIG.20

bode diagram open loop

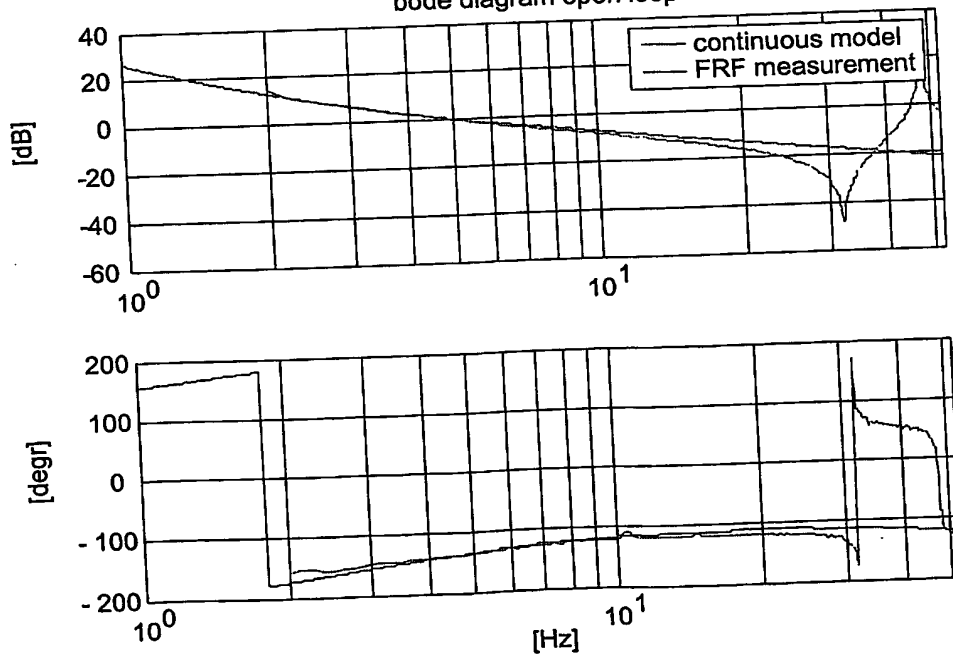


FIG.21

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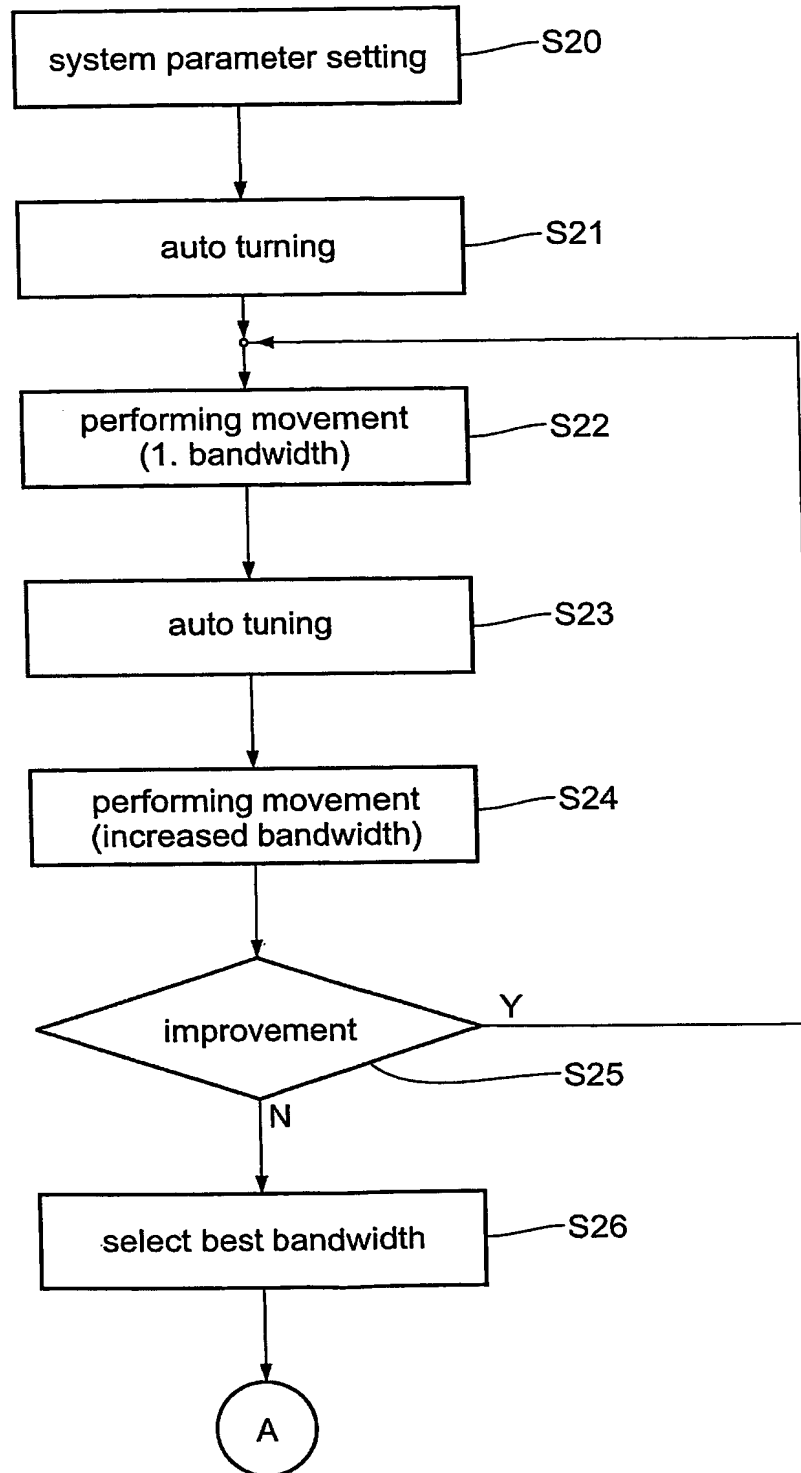


FIG.22

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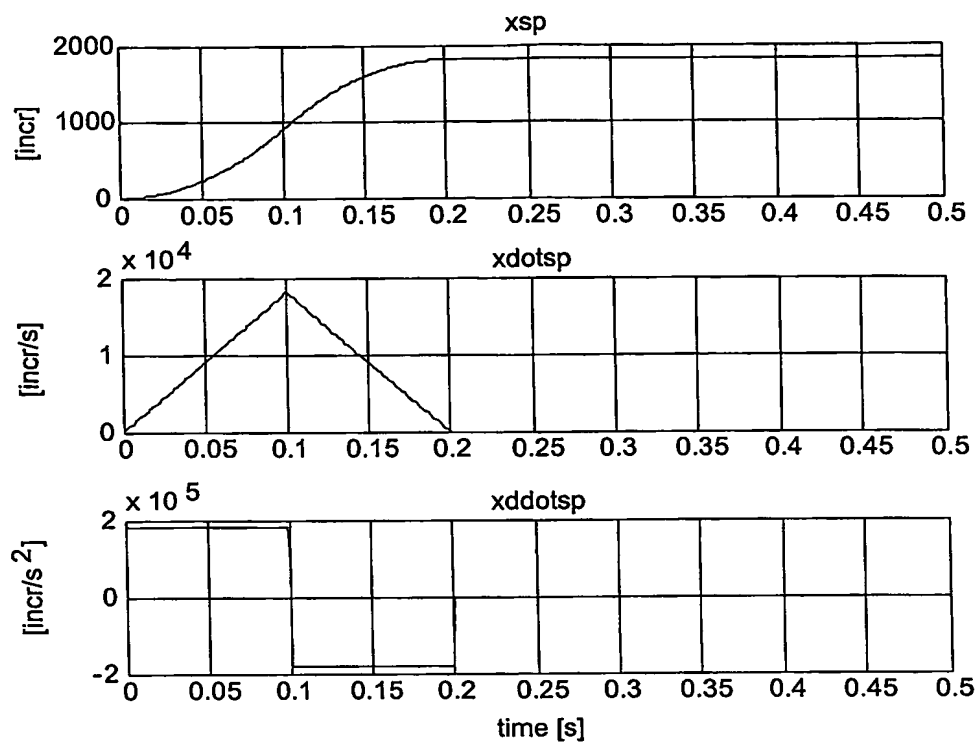


FIG.23

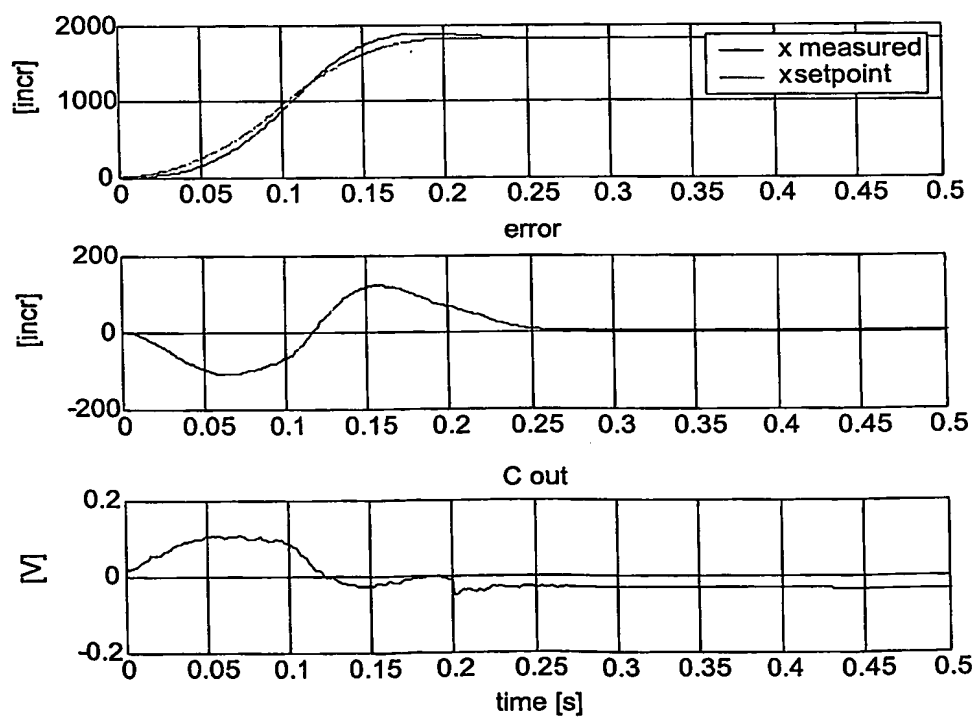


FIG.24a

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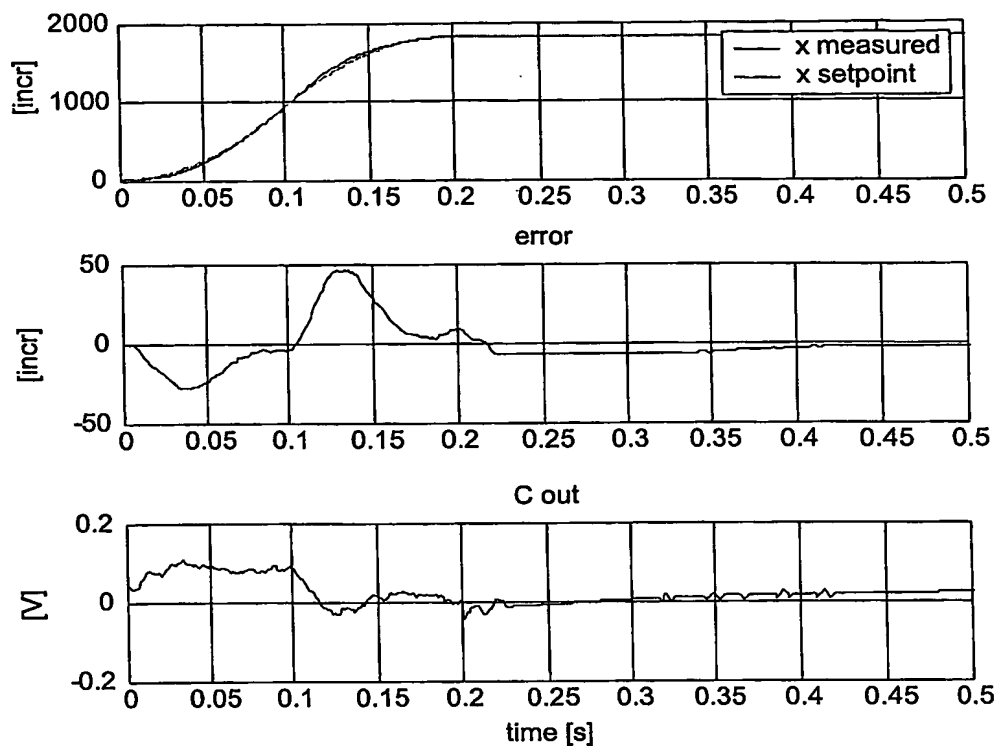


FIG.24b

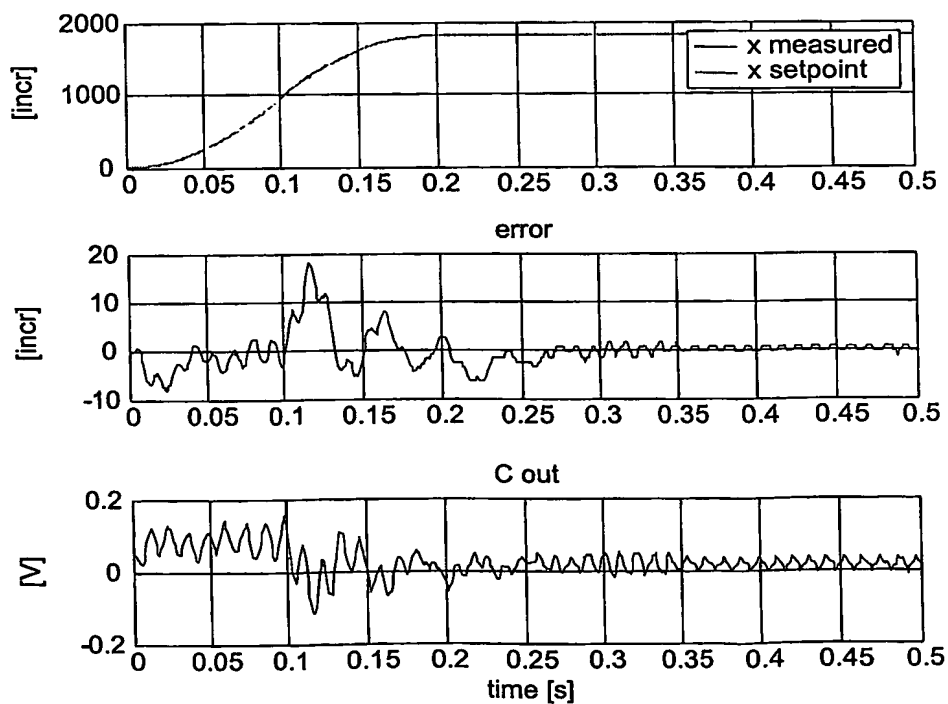


FIG.24c



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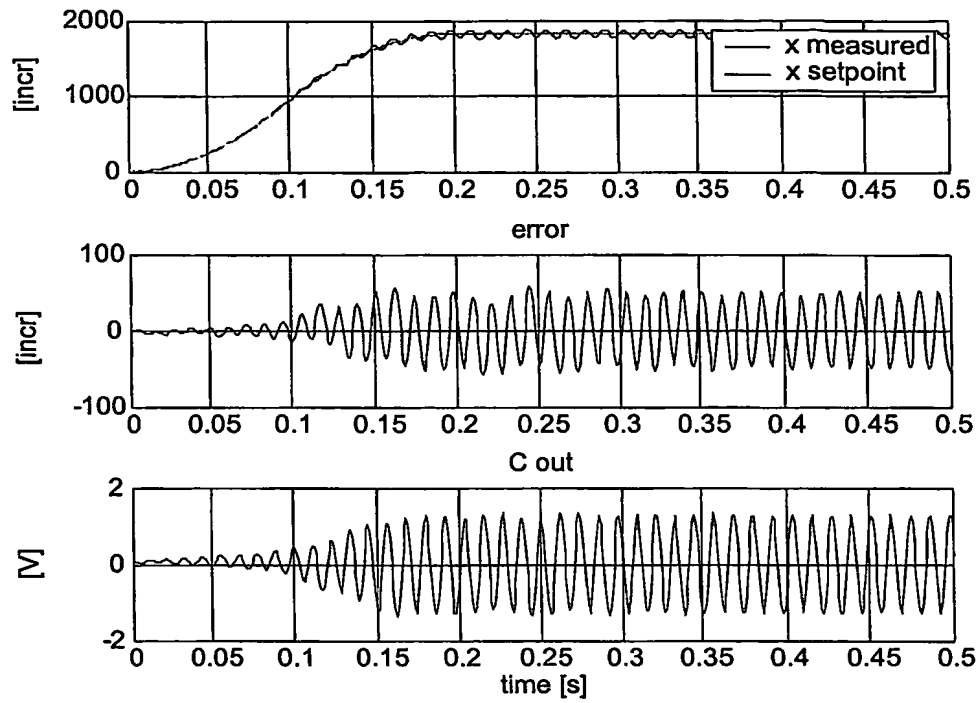


FIG.24d

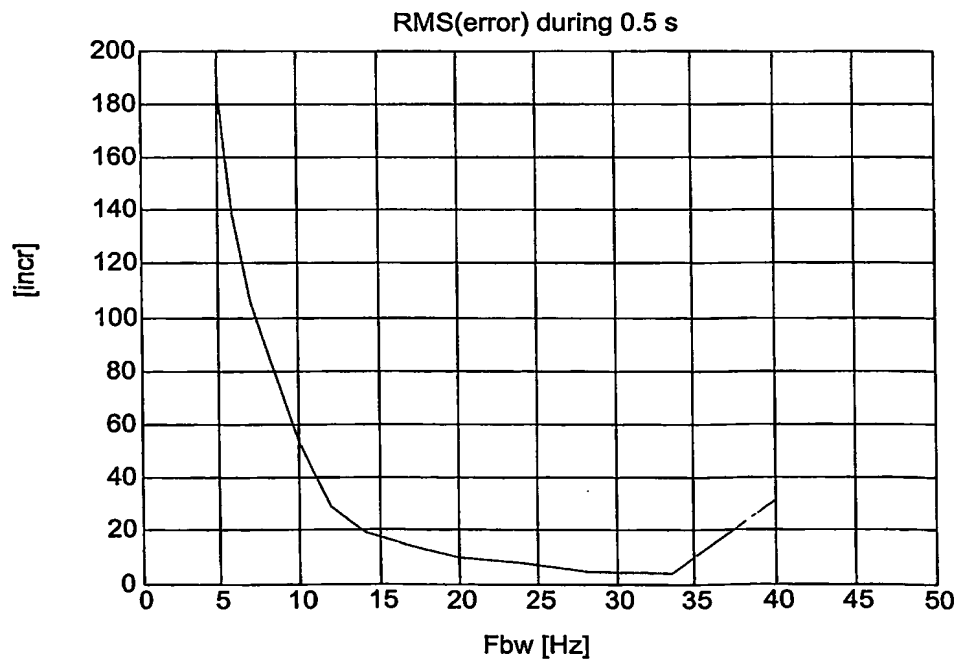


FIG.25